

Radiotechniques

402 TENTH AVENUE • P.O. BOX 367 • HADDON HEIGHTS, NJ 08035-0367

Engineering Report
Petition to Change Community of License
WXDJ, New Age Broadcasting, Inc.

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Area losing service from WXDJ and served by WRTD and WMCU:

County Subdivision, Place, Tract, Block Group
Latitude Longitude Population

Everglades division (pt.), Everglades division (pt.) Tract 115 (pt.), BG 3 (pt.)
25-54-23 80-42-50 68
Cape Sable division (pt.), Cape Sable division (pt.) BNA 9701 (pt.), BG 2
25-14-23 81-01-42 58
Cape Sable division (pt.), Cape Sable division (pt.) BNA 9701 (pt.), BG 4
25-37-59 80-59-32 23

Total population losing third FM service: 149 persons

Area losing service from WXDJ and served by WRTD, WMCU and WCTH:

County Subdivision, Place, Tract, Block Group
Latitude Longitude Population

Cape Sable division (pt.), Cape Sable division (pt.) BNA 9701 (pt.), BG 1 (pt.) (Flamingo)
25-03-47 80-50-05 201

Total population losing fourth FM Service: 201

Area losing service from WXDJ and served by WRTD, WMCU, WCTH and WZMQ:

County Subdivision, Place, Tract, Block Group
Latitude Longitude Population

Everglades division (pt.), Everglades division (pt.) Tract 115 (pt.), BG 3 (pt.)
25-35-08 80-46-21 1052 (Royal Palm Ranger Station)

Total Population losing fifth FM Service: 1052

In summary, the population losing third service due to the changes proposed herein represents only 0.006 % of the population served by the presently licensed WXDJ. The

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total population losing fourth service is only 0.008 % of the population served by the presently licensed WXDJ, and the population losing fifth FM service is only 0.041% of the population served by the presently licensed WXDJ. The reason that the population losing service is so small is because most of the area losing service by the proposed changes is uninhabited, protected swampland.

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Service to Homestead

Radiotechniques performed an analysis of the stations providing radio broadcasting service to Homestead. The full results are shown in Figure 6.

In summary, Figure 6 details the following levels of service to Homestead:

- Six stations plus one proposed station provide full time city grade service.
- Five additional AM stations provide daytime city grade service;
- Six additional AM stations provide daytime protected service
- Seventeen additional FM stations provide protected service to Homestead (including WXDJ).
- A total of thirty-four different stations serve Homestead with protected signals. (including the proposed educational FM and WXDJ)

The proposed WXDJ facilities provide a protected 60 db μ V service over all of Homestead, as shown in Figure 1.

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Engineer's Statement

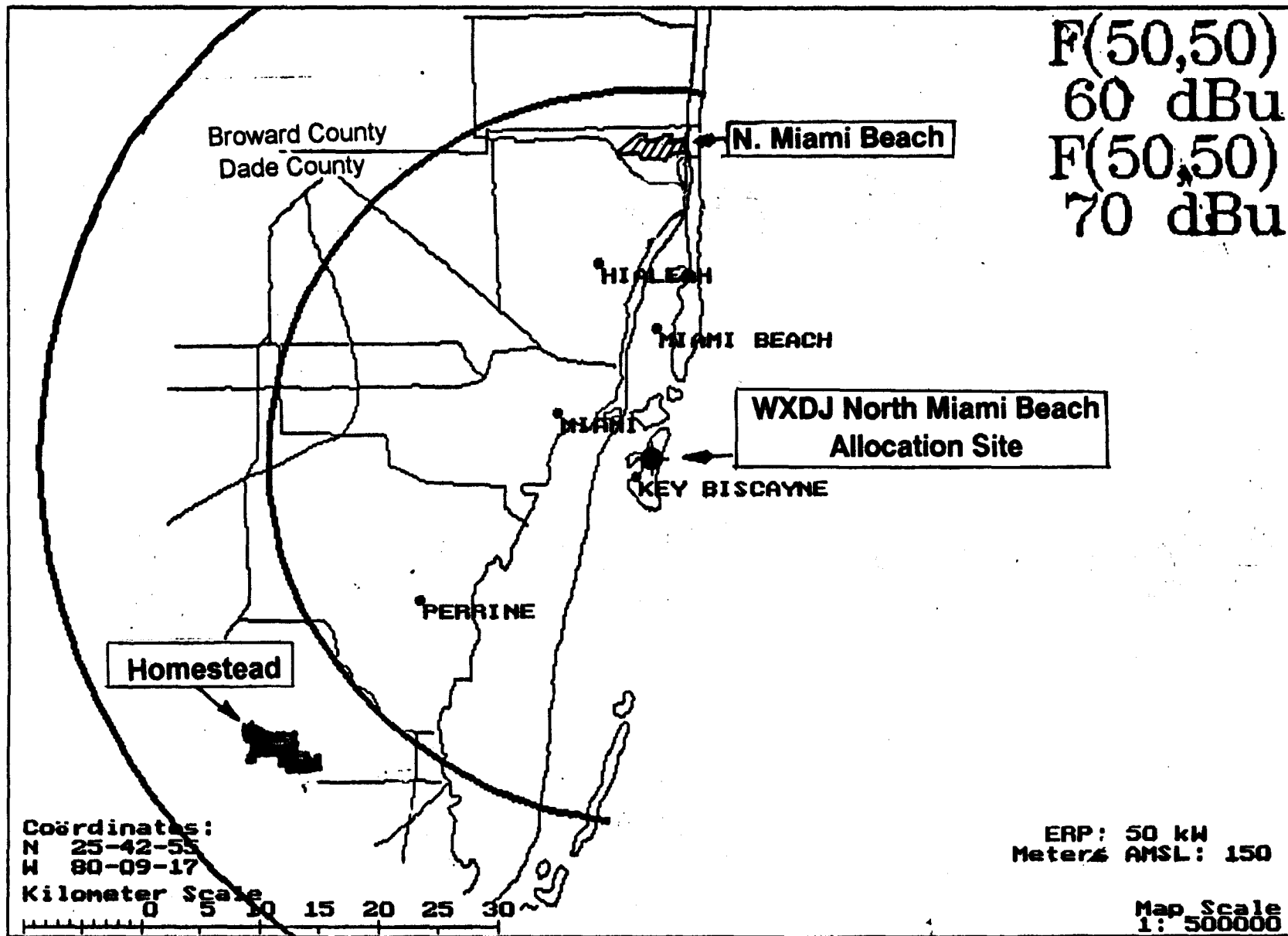
This is to certify that this report has been prepared by myself, or under my direction. It is correct and accurate of my own knowledge, except where stated otherwise, and where this is so, the information is correct to the best of my knowledge and belief.

I further certify that I am a Licensed Professional Engineer in the States of New Jersey and Pennsylvania, with a BSEE degree from the Newark College of Engineering of NJIT, and that I am regularly engaged in the practice of radio engineering with the firm of Radiotechniques Engineering Corporation, with offices at 402 Tenth Avenue, Haddon Heights, NJ. I am a member of the AFCCE, senior member of the IEEE, and SBE, and hold an FCC General Radiotelephone Operator License, and am Certified as a Senior Broadcast Engineer by the SBE. My qualifications are a matter of record with the FCC.

Date: July 27, 1994

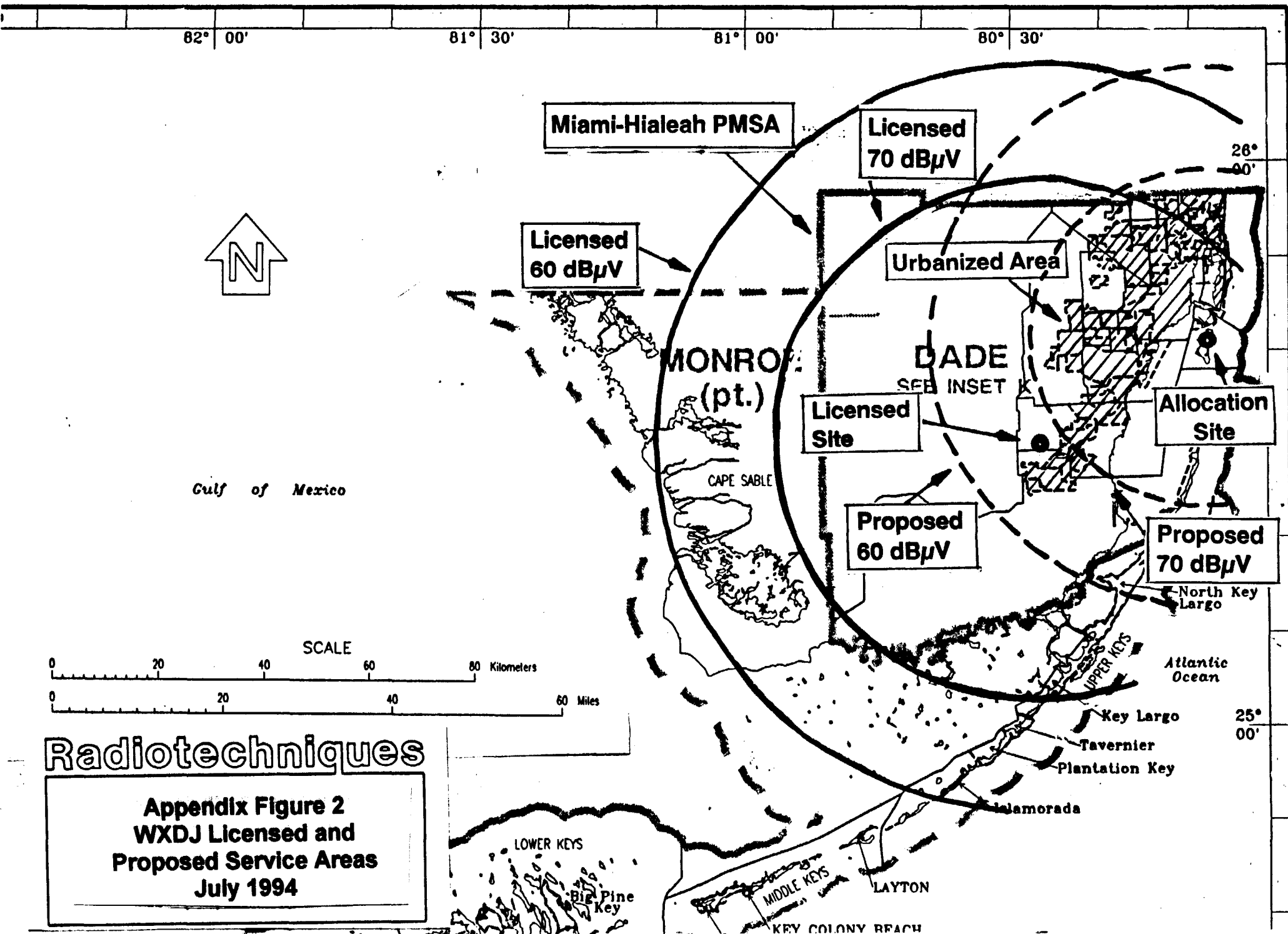

Edward A. Schober, PE

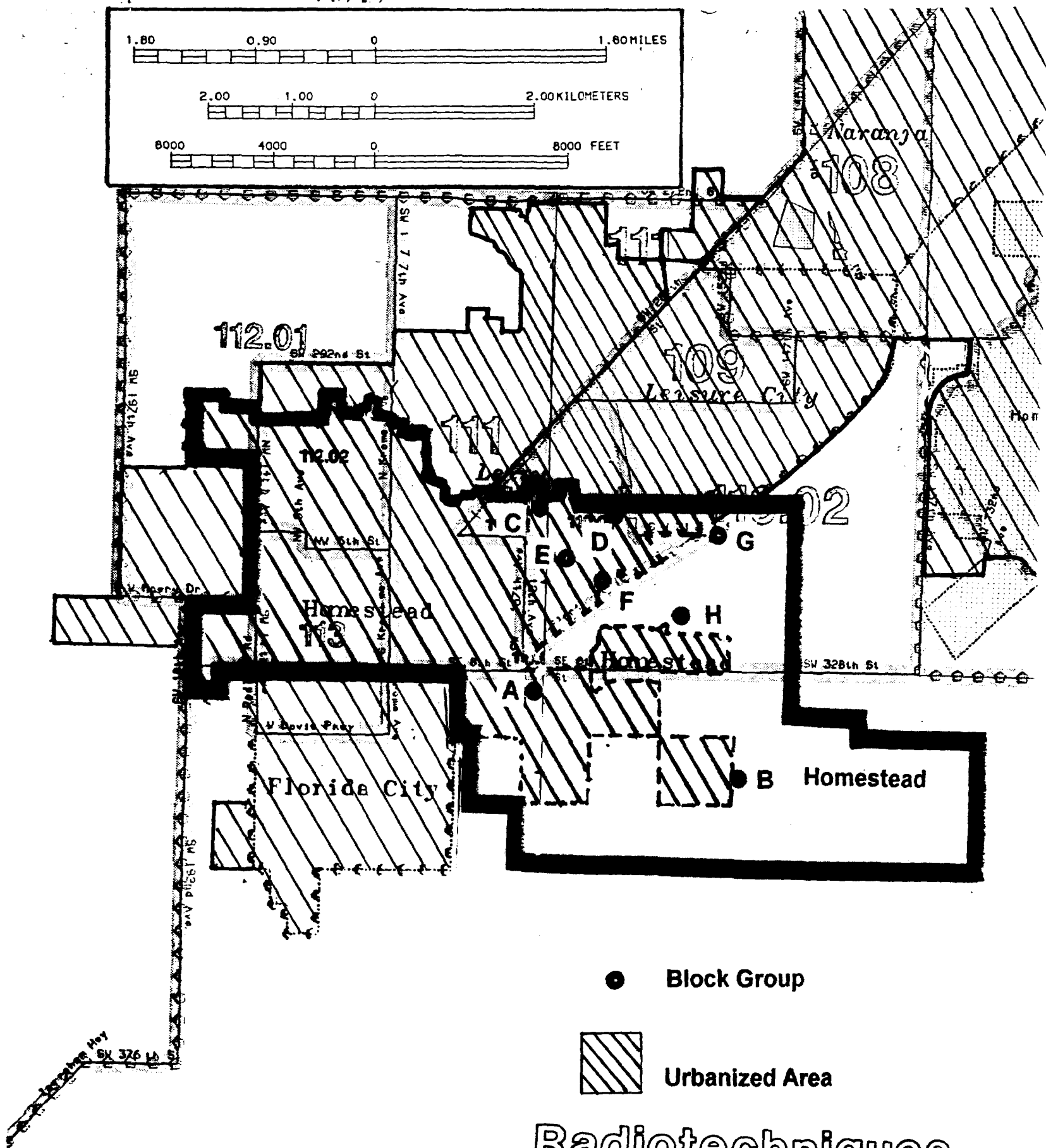
(Seal)



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Appendix Figure 1
City of License Coverage
WXDJ at North Miami Beach
Class C2
July 1994





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Appendix Figure 3
Urbanized Area Map of Homestead
July 1994

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Figure 4 Miami-Hialeah PMSA Stations July 1994

Stations Licensed within the Miami-Hialeah Urbanized Area

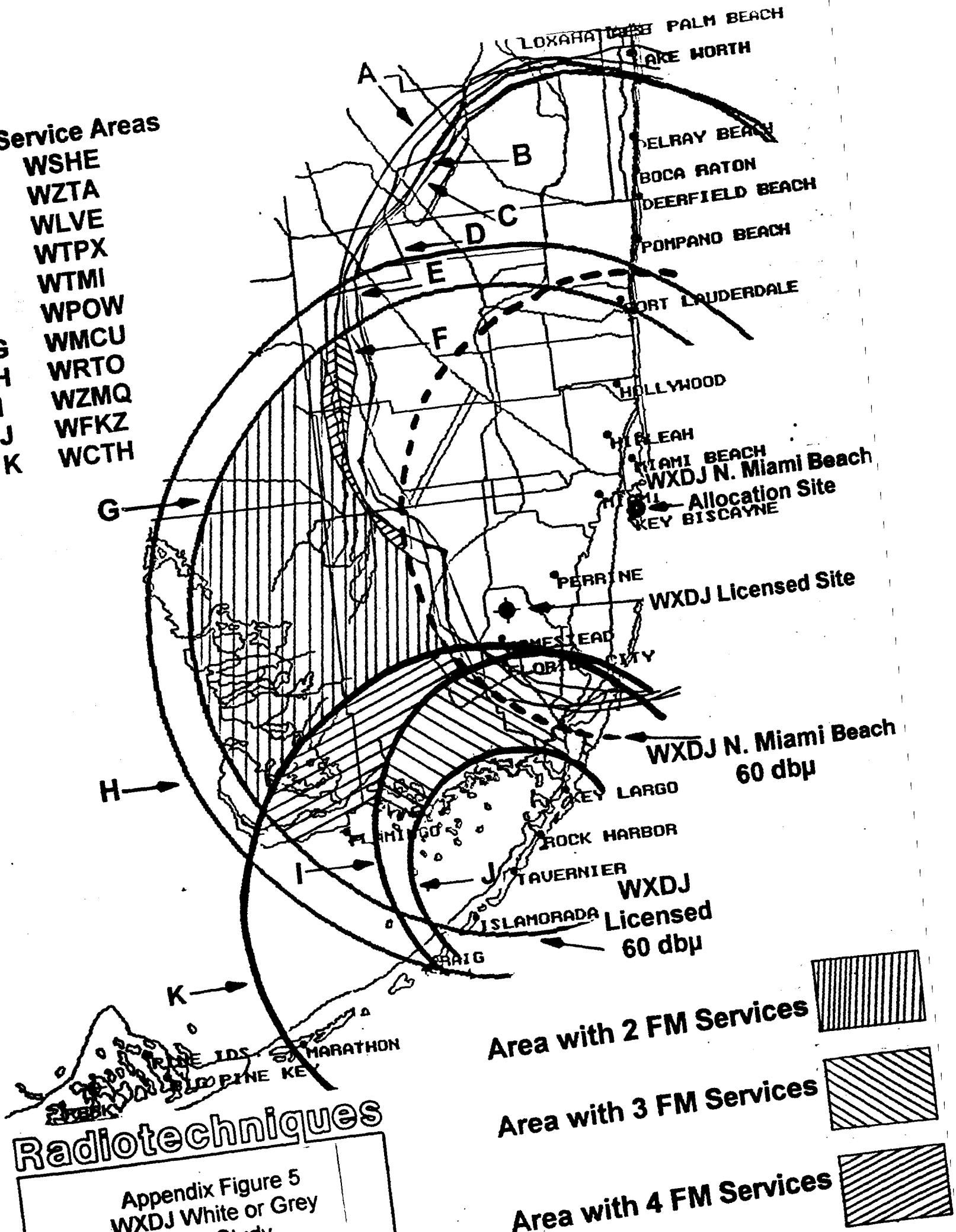
WVCG, Coral Gables
WRHC, Coral Gables
WVUM, Coral Gables
WHQT, Coral Gables
WRTD, Goulds
WRFM, Hialeah
WCMQ-FM, Hialeah
WOIR, Homestead
WXDJ, Homestead
New FM, BPED-931213MS, Homestead (Proposed Station)
WQAM, Miami
WIOD, Miami
WWFE, Miami
WAQI, Miami
WINZ, Miami
WFBA, Miami
WQBA, Miami
WSUA, Miami
WOCN, Miami
WDNA, Miami
WMCU, Miami
WLRN-FM, Miami
WTMI, Miami
WPOW, Miami
WFLC, Miami
WEDR, Miami
WLYF, Miami
WQBA-FM, Miami
WMBM, Miami Beach
WLVE, Miami Beach
WZTA, Miami Beach
WCMQ, Miami Springs
WKAT, North Miami
WMRZ, South Miami

Station Licensed to community in the Miami-Hialeah PMSA outside the Miami-Hialeah Urbanized Area.

WFHQ, Pennsuco

60 dbμ Service Areas

- A WSHH
- B WZTA
- C WLVE
- D WTPX
- E WTMJ
- F WPOW
- G WMCU
- H WRTO
- I WZMQ
- J WFKZ
- K WCTH



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Appendix Figure 5
WXDJ White or Grey
Area Study
July 1994

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Figure 6 Page 1

Stations Serving Homestead, FL July 1994

For each station, a geographic point was located at the far border of Homestead from that station, and the signal strength from the station was calculated at that point. Based upon the value of signal strength, the station was included or excluded from each of the following lists.

FM Stations providing 3.16 mV/m principal Community grade signals encompassing Homestead

WDNA, Miami
WMCU, Miami
WRTD, Goulds
New Educational, BPED 931213MS, Homestead, Cutoff and Pending

AM Stations with 5 mV/m and Night Interference Free encompassing Homestead

AM stations that produced more than 5 mV/m nighttime at the far border were evaluated for 50% night interference limit (NIF). Those stations whose signals exceeded the NIF were included in this list.

WOIR, 1430 kHz, Homestead (Licensed to Homestead)
WAQI 710 kHz, Miami (16.70 mV/m, NIF = 8.268 mV/m)
WIOD 610 kHz, Miami (8.51 mV/m, NIF = 6.615 mV/m)

AM Stations with 5 mV/m Daytime Contour encompassing Homestead

(Field Strength at southern border of Homestead)
WAQI, 710 kHz, Miami (11.9 mV/m)
WCMQ, 1210 kHz, Miami Springs (7.05 mV/m)
WKAT, 1360 kHz, North Miami (8.29 mV/m)
WIOD, 610 kHz, Miami (6.17 mV/m)
WOIR, 1430 kHz, Homestead (11.5 mV/m)
WQAM, 560 kHz, Miami (6.64 mV/m)
WQBA, 1140 kHz, Miami (14.62 mV/m)
WWFE, 670 kHz, Miami (19.62 mV/m)

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Figure 6 Page 2

Stations Serving Homestead, FL July 1994

FM stations providing 1 mV/m service encompassing Homestead

WAXY, Ft. Lauderdale
WCMQ, Hialeah
WDNA, Miami
WEDR, Miami
WFLC, Miami
WHQT, Coral Gables
WHYI, Ft. Lauderdale
WLVE, Miami Beach
WLRN, Miami
WLYF, Miami
WMCU, Miami
WMXJ, Pompano Beach
WPOW, Miami
WQBA, Miami
WRTD, Goulds
WSHE, Ft. Lauderdale
WTMI, Miami
WTPX, Ft. Lauderdale
WXDJ (Both proposed and licensed facilities)
WZTA, Miami Beach
New Educational, BPED-921213MS, Homestead

AM stations with less than 5 mV/m but more than 0.5 mV/m Daytime serving Homestead

WVCG, Coral Gables
WRHC, Coral Gables
WRFM, Hialeah
WSUA, Miami
WMBM, Miami Beach
WMRZ, South Miami

RESOLUTION NO. R94-31

**A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF
THE CITY OF NORTH MIAMI BEACH, FLORIDA
SUPPORTING THE AUTHORIZATION OF A RADIO
STATION HAVING THE CITY OF NORTH MIAMI BEACH AS
ITS CITY OF LICENSE.**

WHEREAS, New Age Broadcasting, Inc. ("New Age") is the holder of a license issued by the Federal Communications Commission ("FCC") to operate FM Radio Station WXDJ; and

WHEREAS, New Age has advised the City that it intends to file a request with the FCC seeking authority under FCC rules and regulations to change its city of license from Homestead, Florida to North Miami Beach, Florida; and

WHEREAS, as an independent community with its own distinct needs and interests, the City of North Miami Beach strongly supports the effort of New Age to bring the City its first truly local radio station; and

WHEREAS, a radio station specifically licensed to and responsive to the City would provide a valuable outlet for the many cultural, social and civic activities of the City, as distinguished from those of the larger urban area; and

WHEREAS, a radio station licensed to the City would provide an important vehicle for local businesses, groups and organizations to advertise and publicize their activities; and

WHEREAS, a radio station specifically allotted to North Miami Beach would not only confirm the City's unique historical identity but also help build renewed community spirit and cooperation.

NOW, THEREFORE,

BE IT RESOLVED by the City Council of the City of North Miami Beach, Florida.

Section 1. The foregoing recitals are true and correct.

Section 2. The Mayor and City Council of the City of North Miami Beach hereby express their unqualified support for having an FM radio station allotted to this community and welcome New Age Broadcasting, Inc. to the City that cares.

APPROVED AND ADOPTED by the City Council of the City of North Miami Beach,

Florida at regular meeting assembled this 5th day of July, 1994.

ATTEST:

SOLOMON ODENZ
CITY CLERK

(CITY SEAL)

JEFFREY A. MISHCON
MAYOR

APPROVED AS TO FORM:

HOWARD B. LENARD
CITY ATTORNEY

SPONSORED BY: Mayor and City Council

STATE OF FLORIDA
COUNTY OF DADE
CITY OF NORTH MIAMI BEACH:

I, SOLOMON ODENZ, City Clerk of the
City of North Miami Beach, do hereby
certify that the attached and foregoing
is a true and correct copy of the original
thereof on file in this office.

IN WITNESS WHEREOF, I have hereunto
set my hand and official seal on this
6th day of July, A.D. 1994

SOLOMON ODENZ
City Clerk of the City of North Miami Beach, Florida
By: [Signature]
City Clerk

RESOLUTION NO. R94-31

DECLARATION OF RUSSELL OASIS

I, Russell Oasis, hereby declare under penalty of perjury, the following:

1. I am President of New Age Broadcasting, Inc., licensee of WXDJ(FM), Homestead, Florida.
2. I have reviewed the foregoing Petition for Rulemaking ("Petition").
3. Except for those matters of which the Federal Communications Commission may take administrative notice (including matters specifically supported by citation), all the statements of fact made therein are true and correct to the best of my personal knowledge, information and belief.



Russell Oasis

This 9TH day of Aug, 1994